

FIG. 1

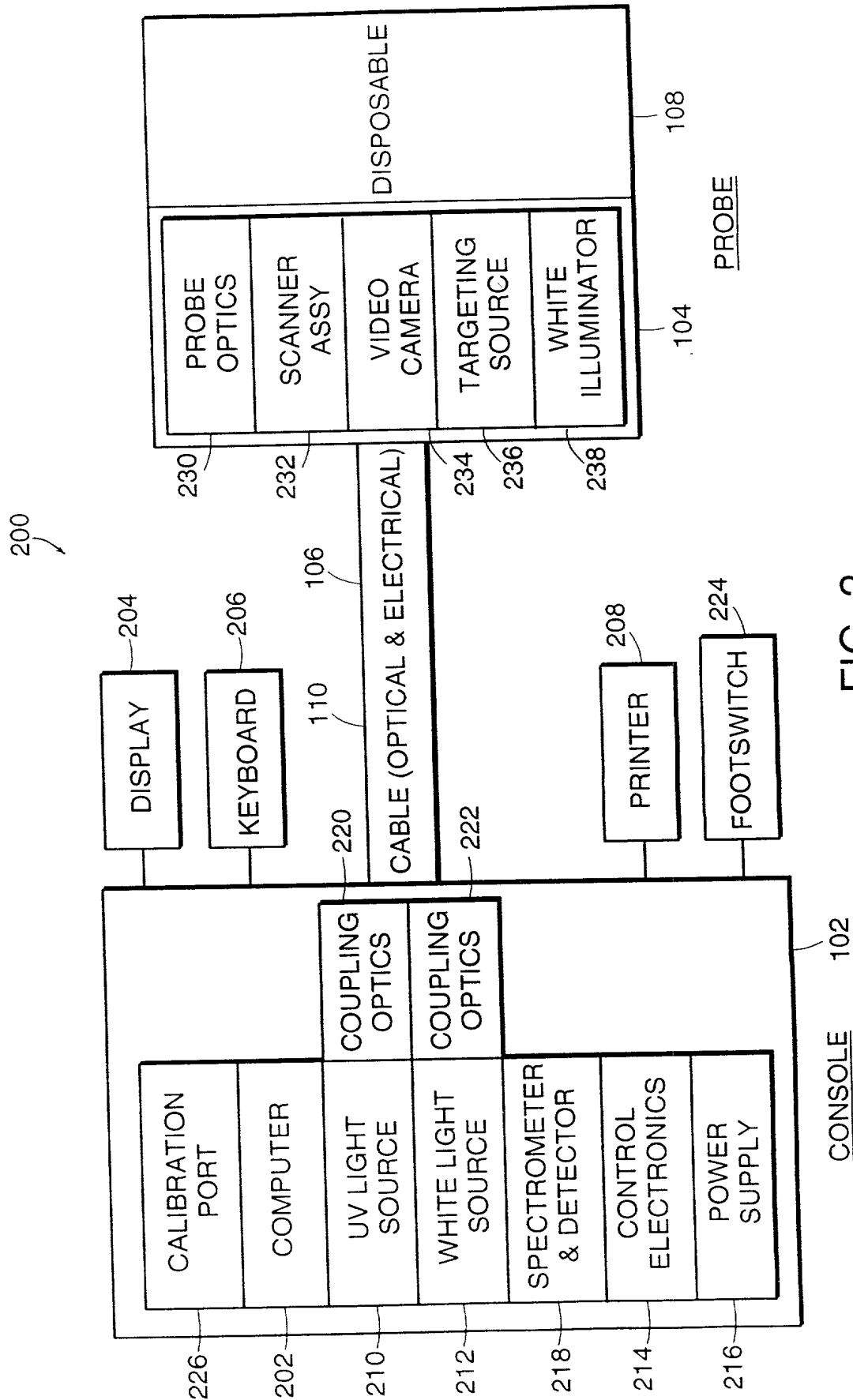


FIG. 2

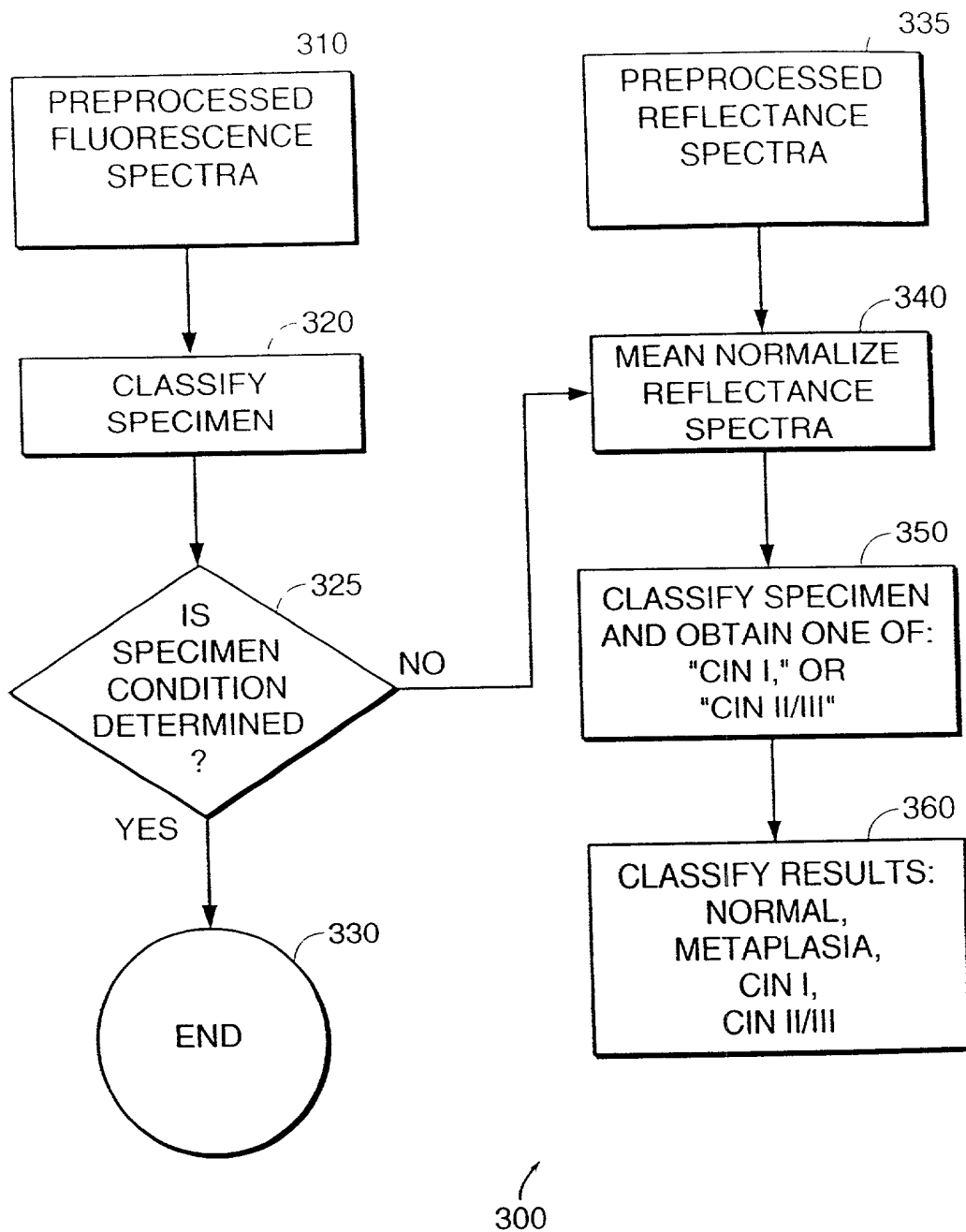


FIG. 3

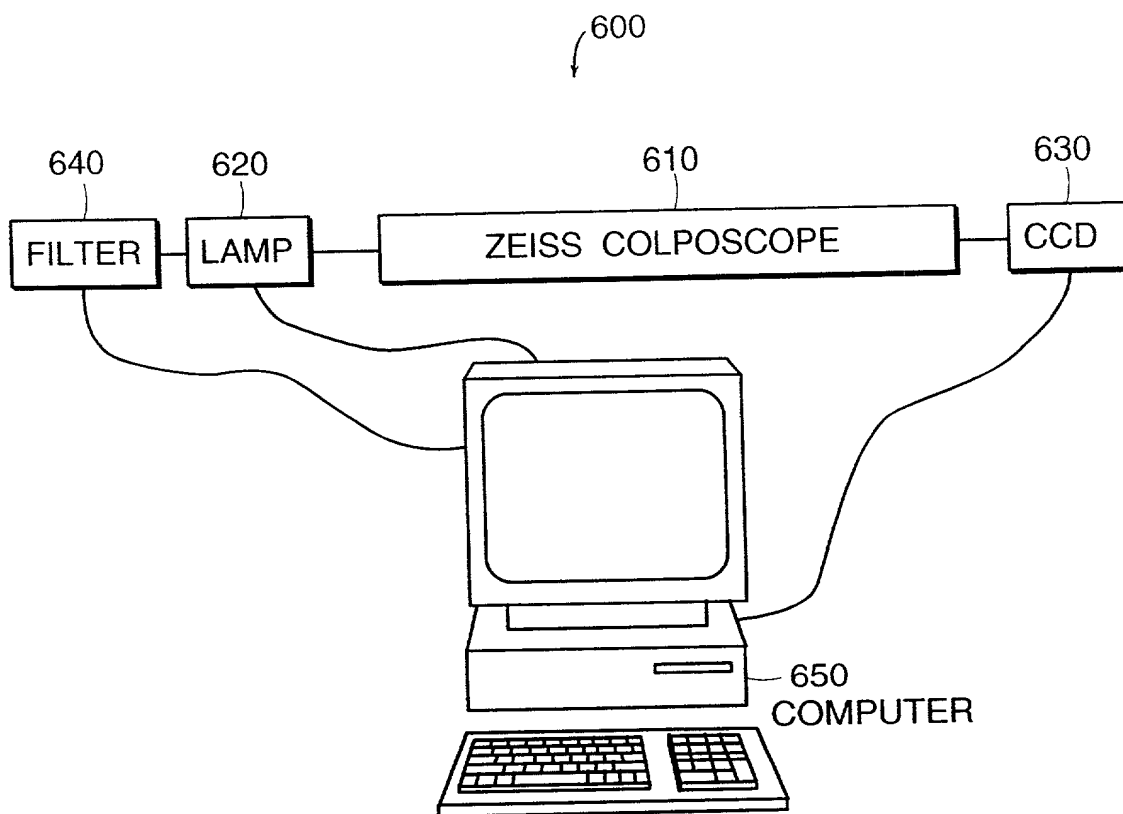


FIG. 4

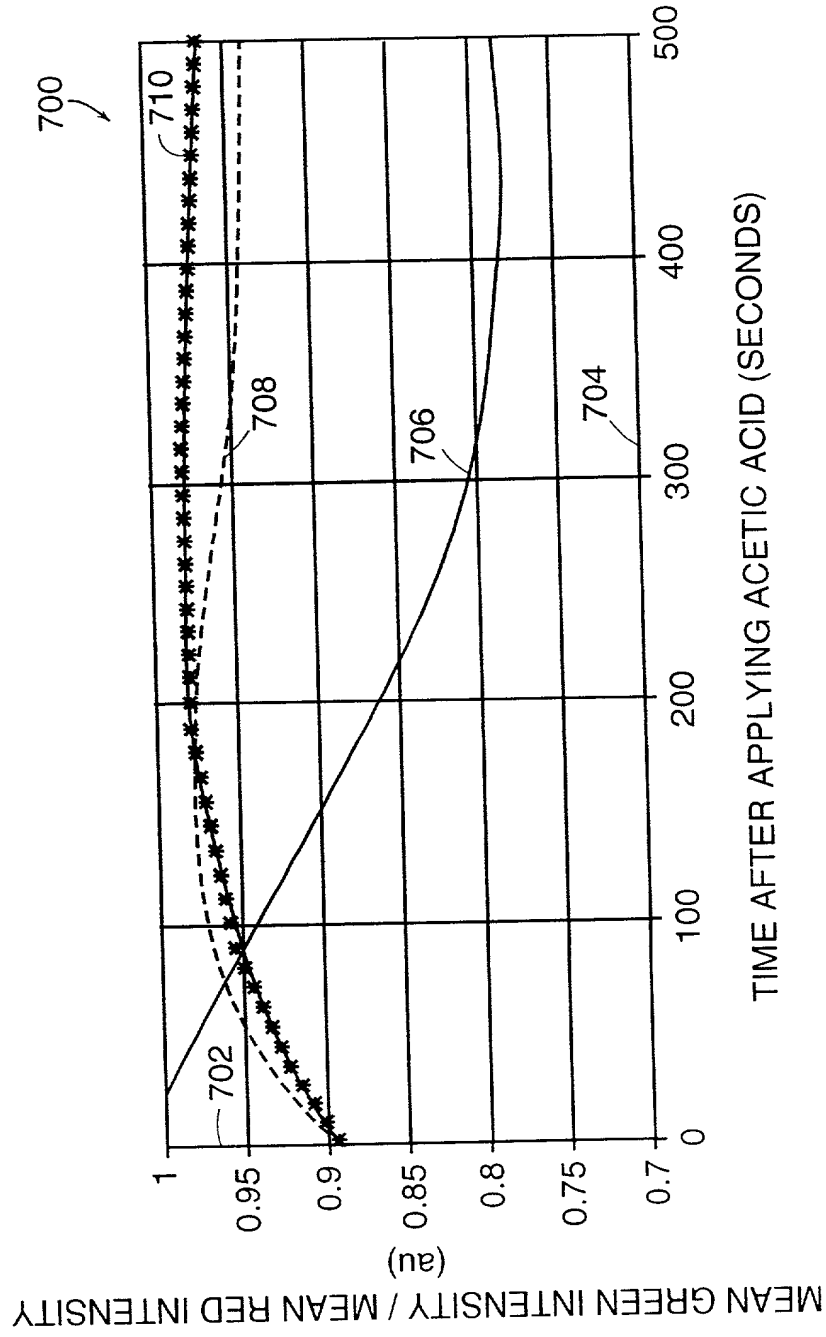


FIG. 5

Title: Methods of Monitoring Effects of
Chemical Agents on a Sample
Inventor(s): Kaufman, et al.
Atty Docket No. MDS-013A
Atty/Agent: Joseph B. Milstein

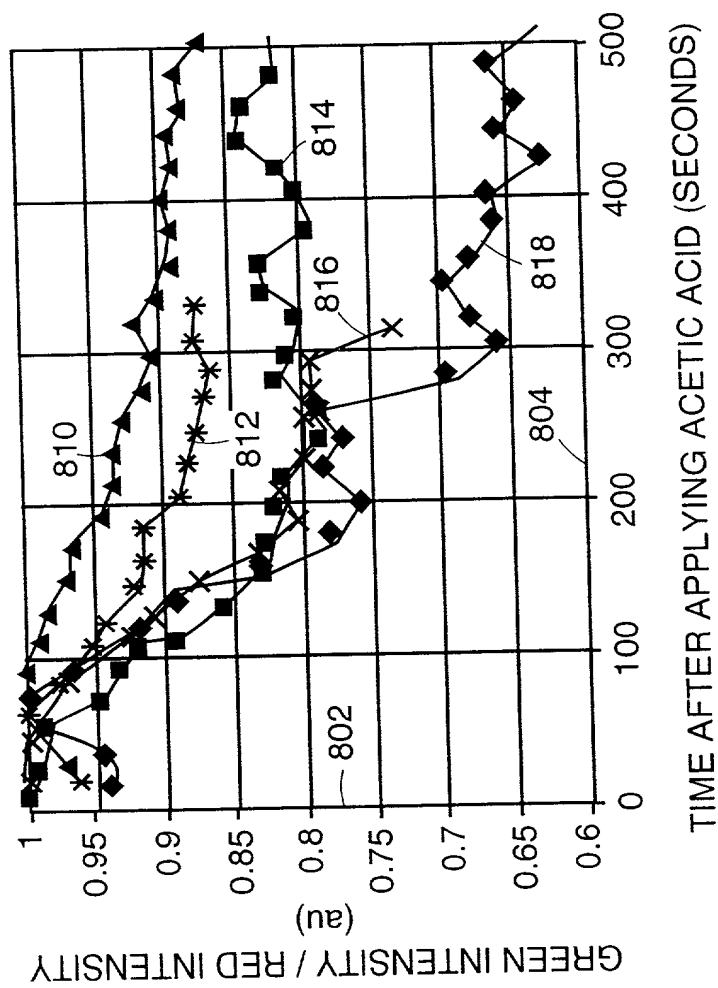


FIG. 6A

Title: Methods of Monitoring Effects of
 Chemical Agents on a Sample
 Inventor(s): Kaufman, et al.
 Atty Docket No. MDS-013A
 Atty/Agent: Joseph B. Milstein

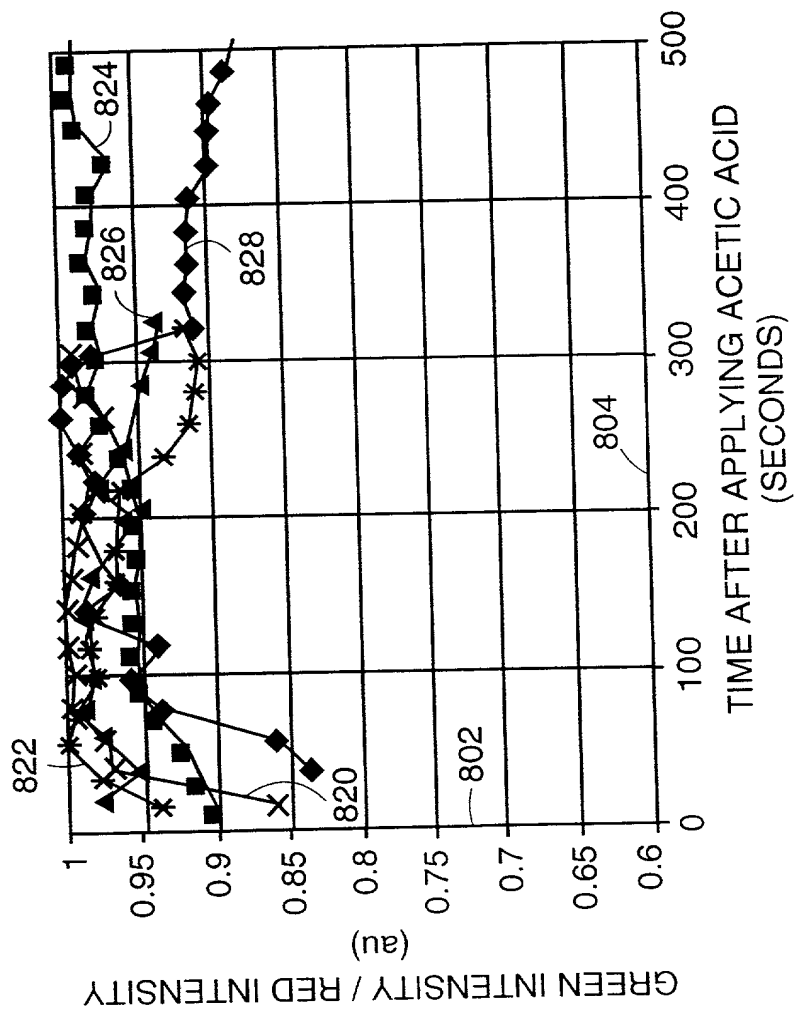


FIG. 6B

Title: Methods of Monitoring Effects of
 Chemical Agents on a Sample
 Inventor(s): Kaufman, et al.
 Atty Docket No. MDS-013A
 Atty/Agent: Joseph B. Milstein

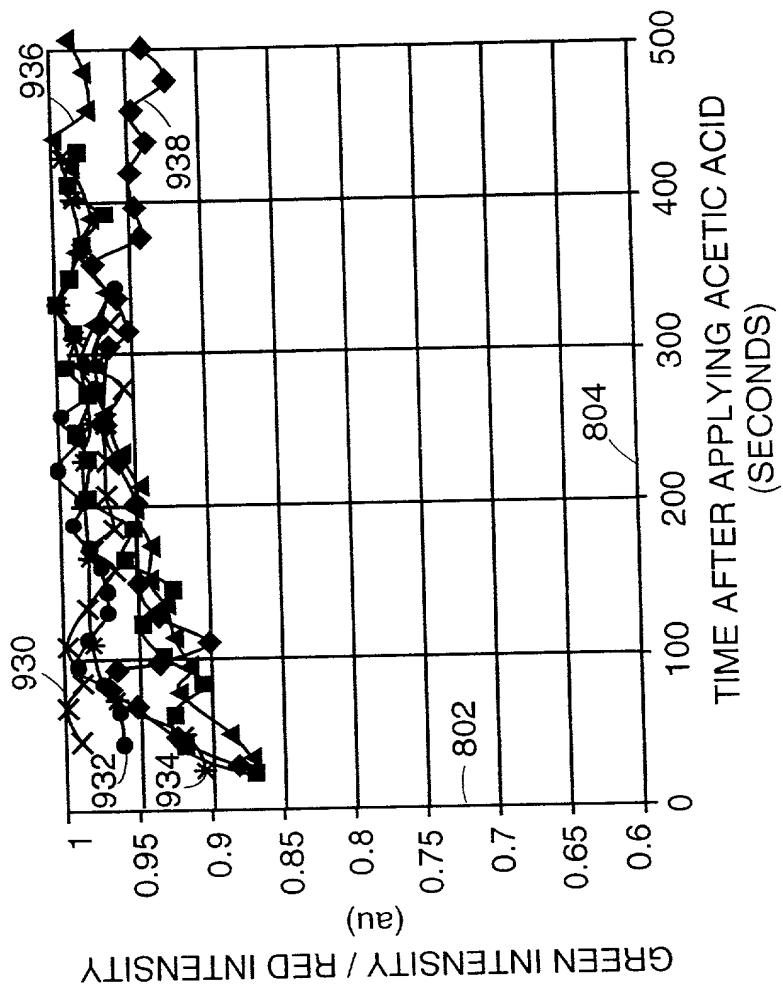


FIG. 6C

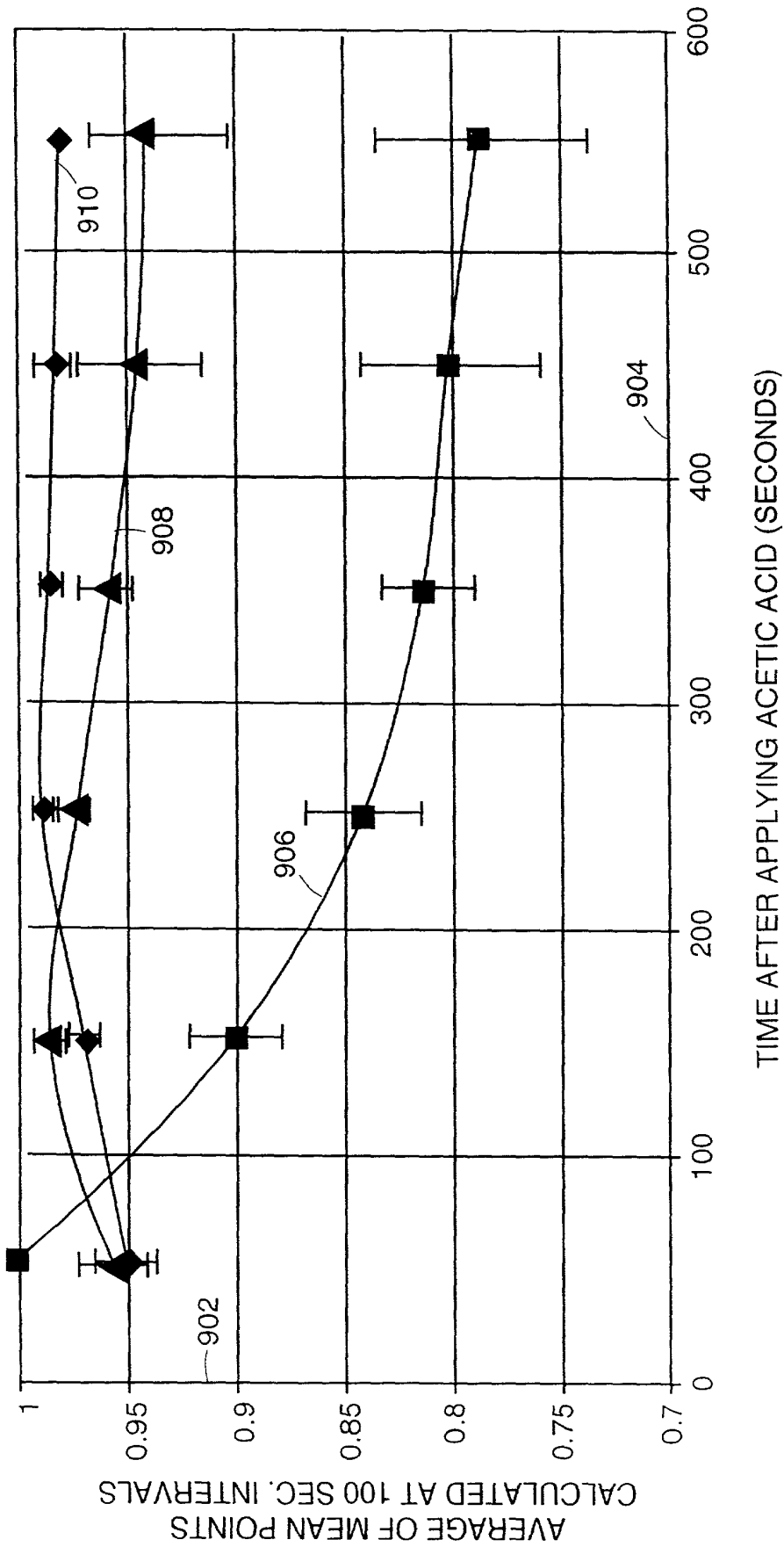


FIG. 7

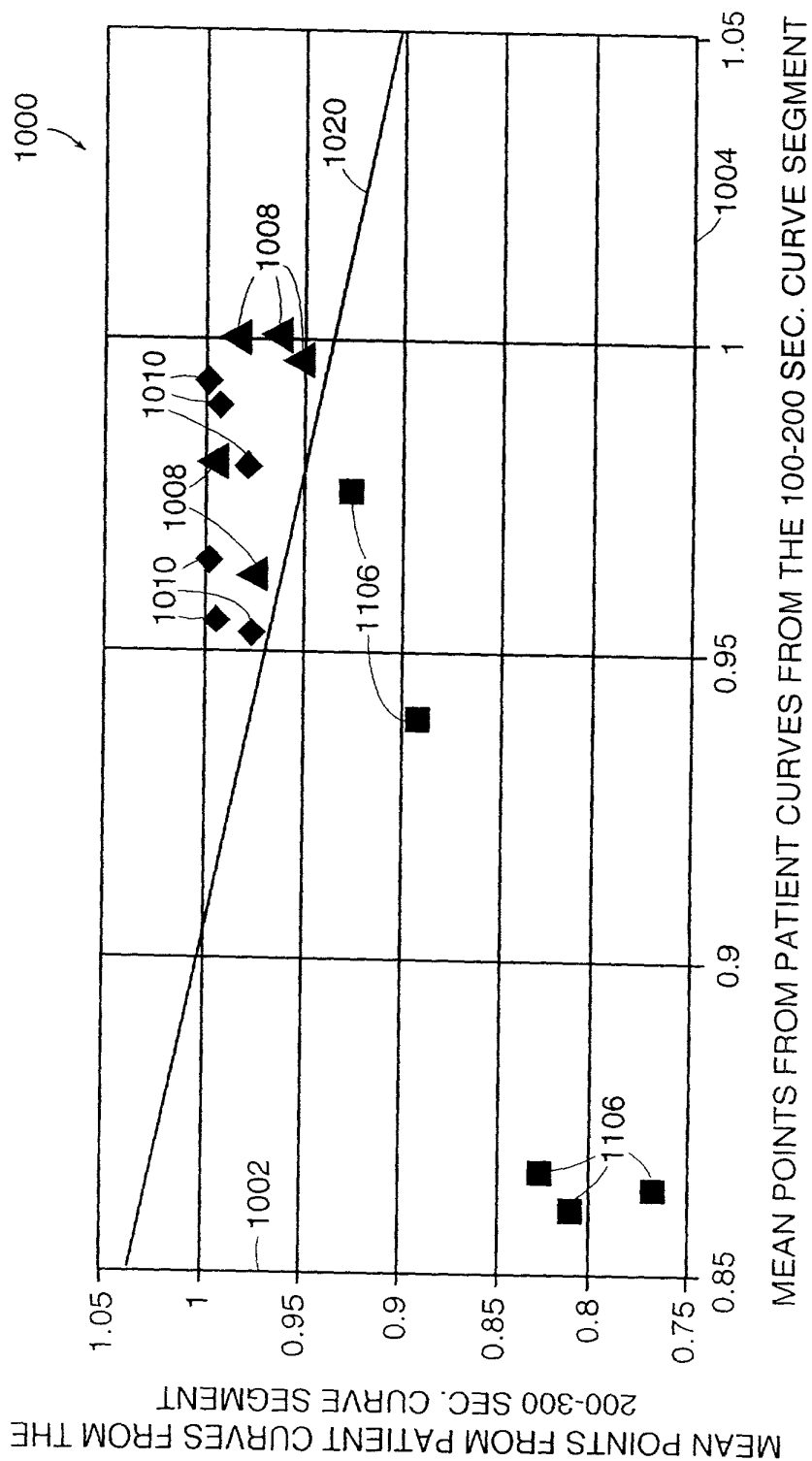
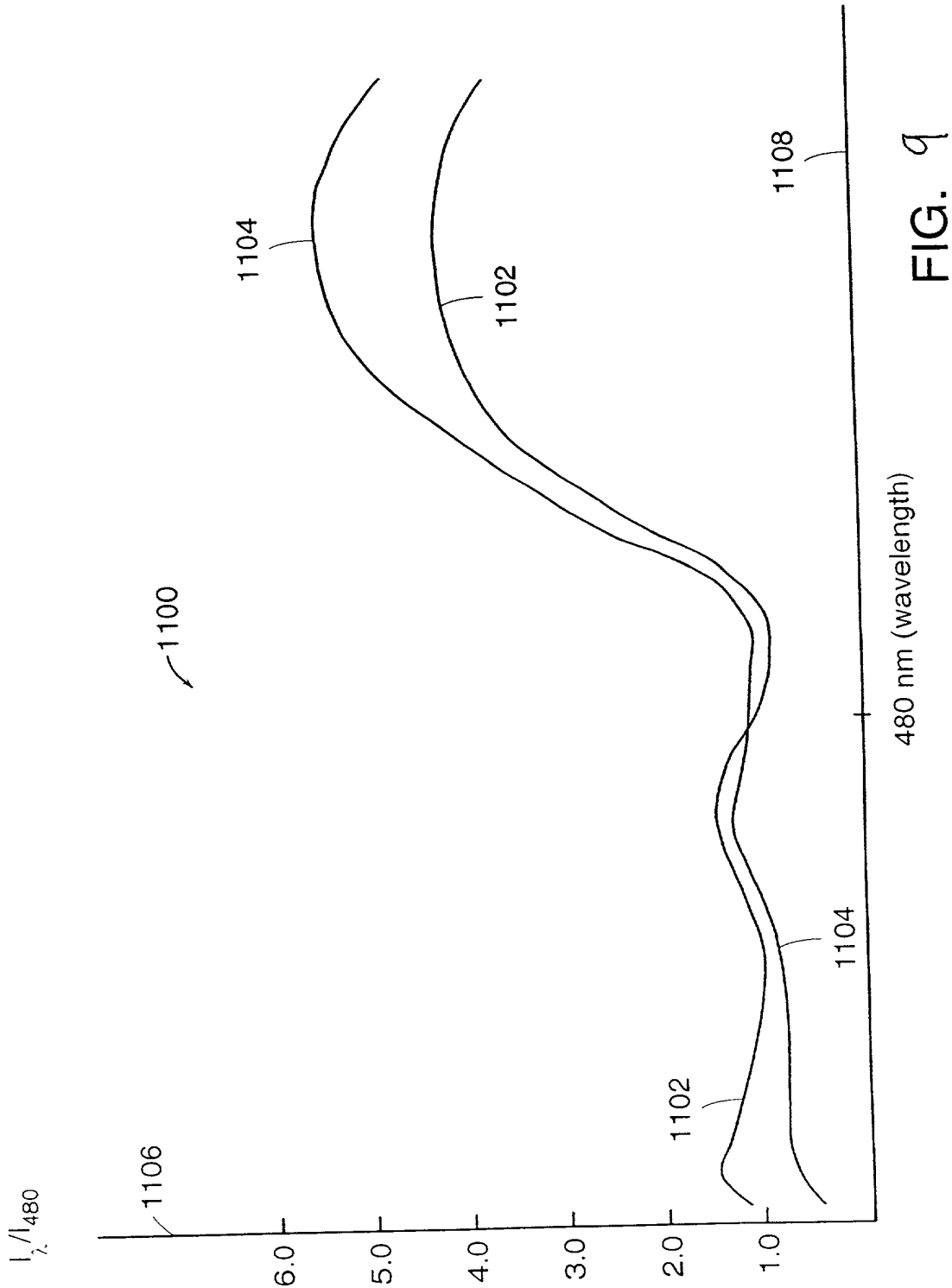


FIG. 8



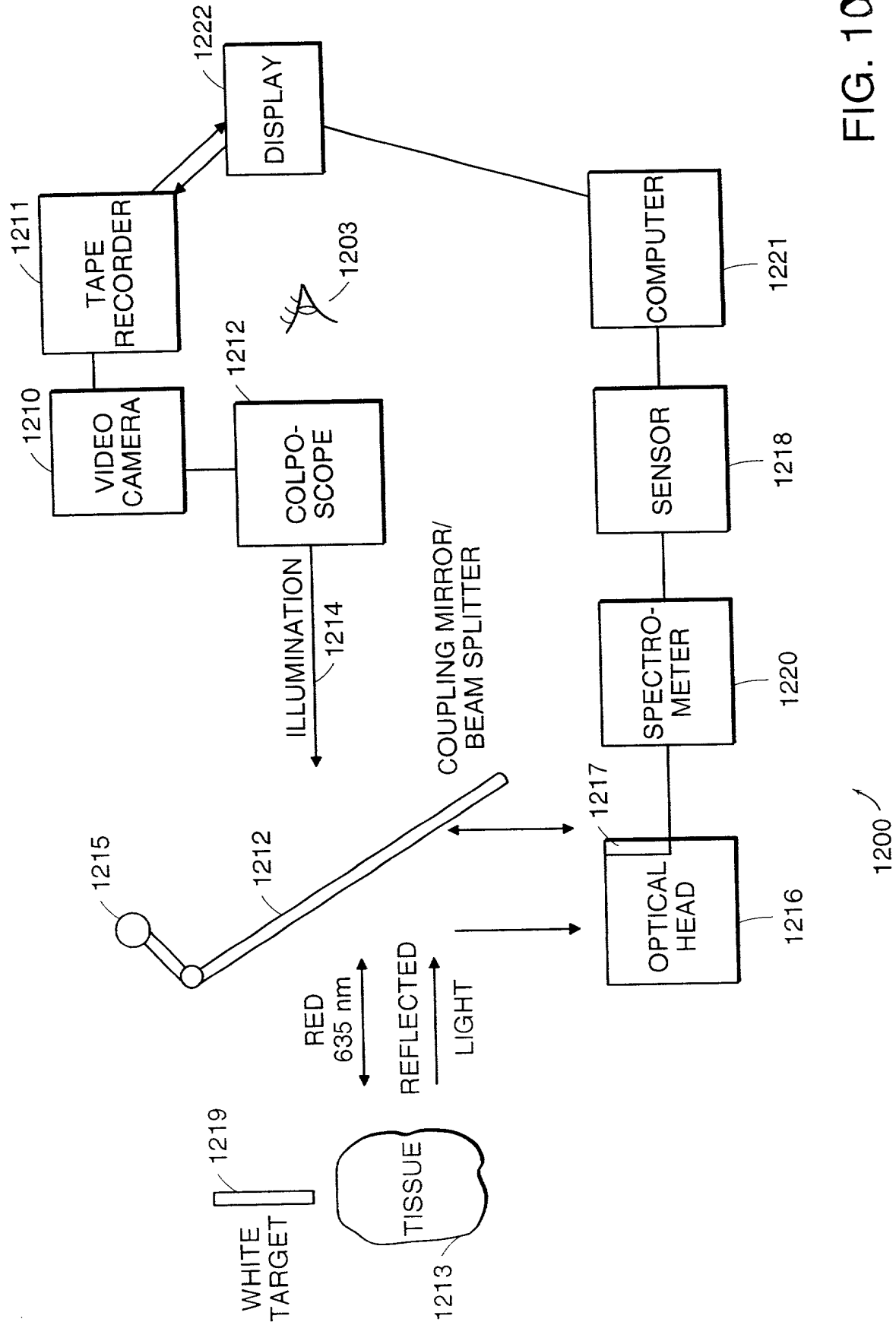


FIG. 10

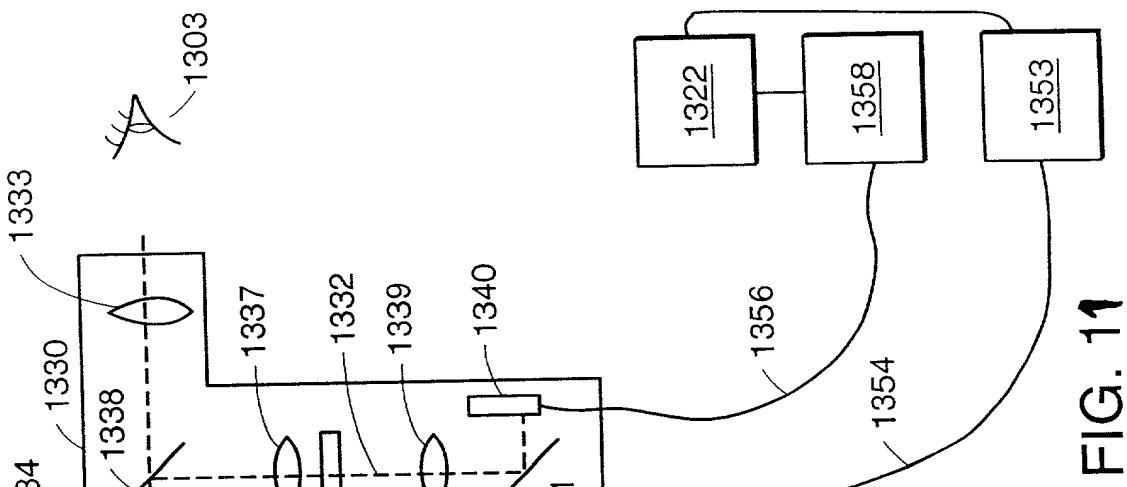


FIG. 11

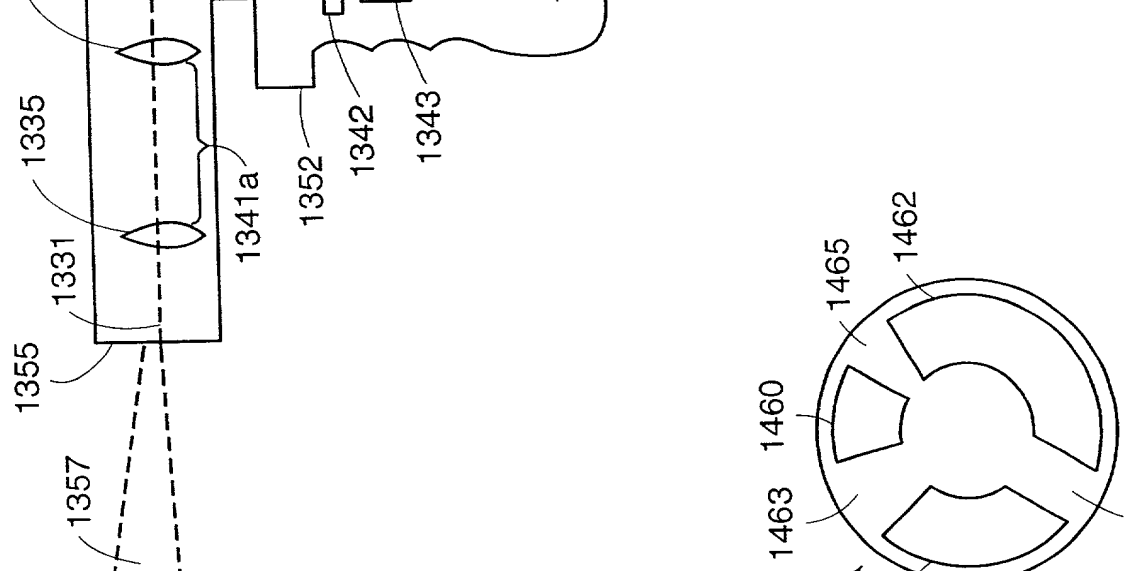


FIG. 12A

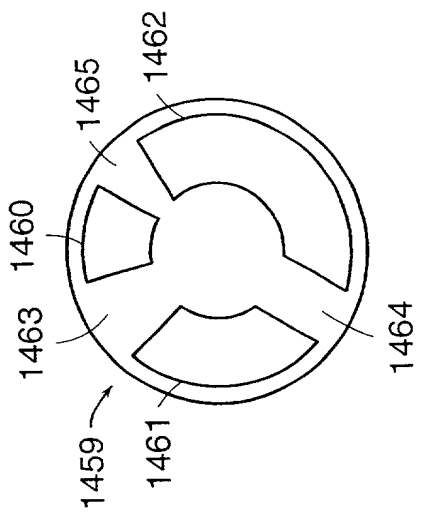


FIG. 12B

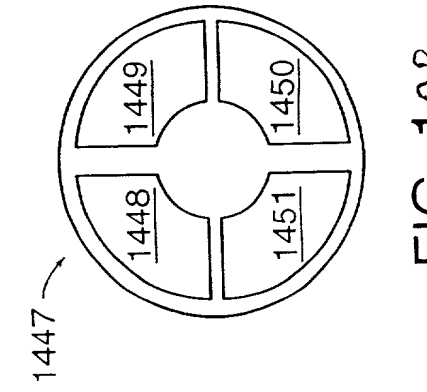


FIG. 12C

FIG. 13 is a schematic diagram of a system 1570 for monitoring the effects of chemical agents on a sample. The system 1570 includes a sample 1580, a sensor 1571, a processor 1577, and a display 1578. The sensor 1571 is connected to the processor 1577, which is connected to the display 1578. The sensor 1571 is also connected to a power source 1572. The power source 1572 is connected to the sensor 1571 through a switch 1573. The switch 1573 is controlled by a user 1574. The user 1574 is also connected to the sensor 1571. The sensor 1571 is connected to the processor 1577 through a communication link 1575. The processor 1577 is connected to the display 1578 through a communication link 1576. The display 1578 is connected to the processor 1577 through a communication link 1579.

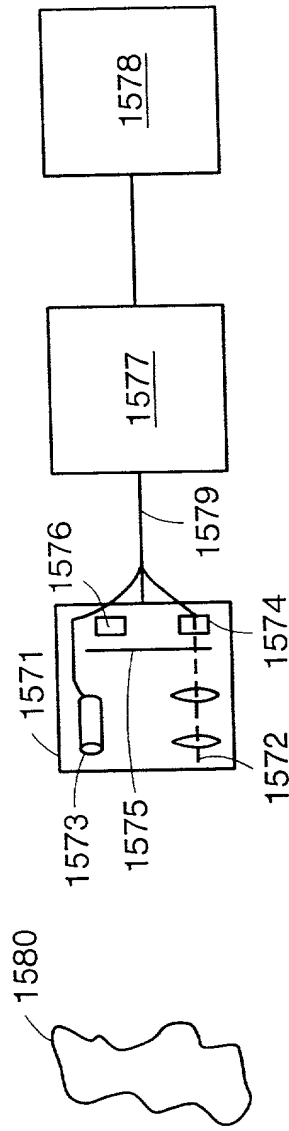


FIG. 13

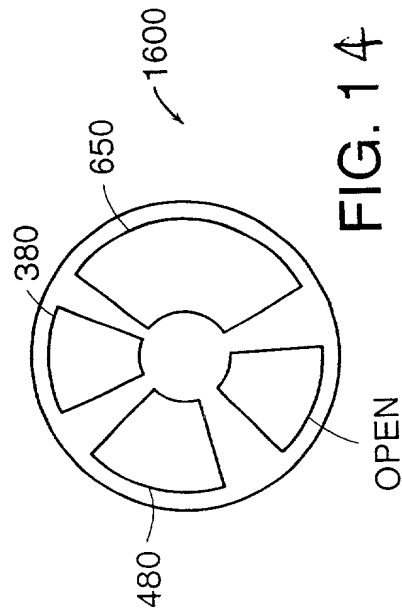


FIG. 14

FIG. 15 is a schematic diagram of a system 1700 for monitoring the effects of chemical agents on a sample. The system 1700 includes a sample 1710, a sensor 1701, a processor 1703, a display 1704, and a storage device 1705. The sensor 1701 is connected to the processor 1703, which is connected to the display 1704 and the storage device 1705. The sensor 1701 is configured to detect the presence of chemical agents in the sample 1710. The processor 1703 is configured to process the data received from the sensor 1701 and to control the display 1704 and the storage device 1705. The display 1704 is configured to display the results of the monitoring process. The storage device 1705 is configured to store the data received from the sensor 1701.

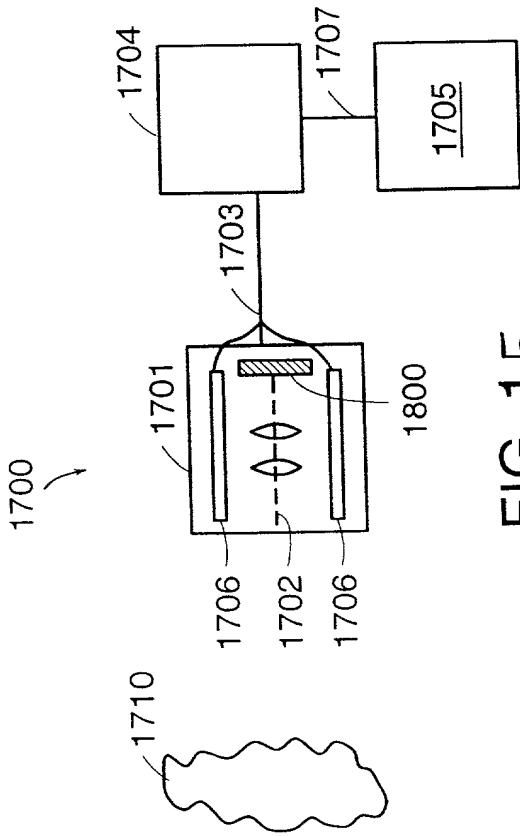


FIG. 15

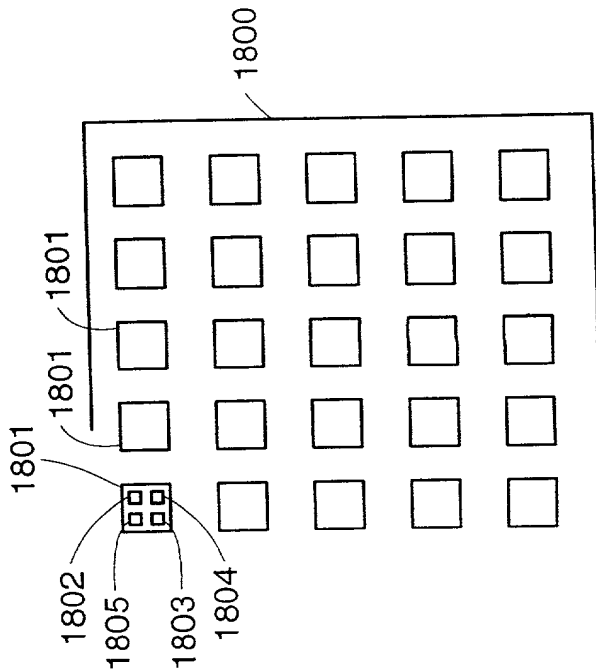


FIG. 16

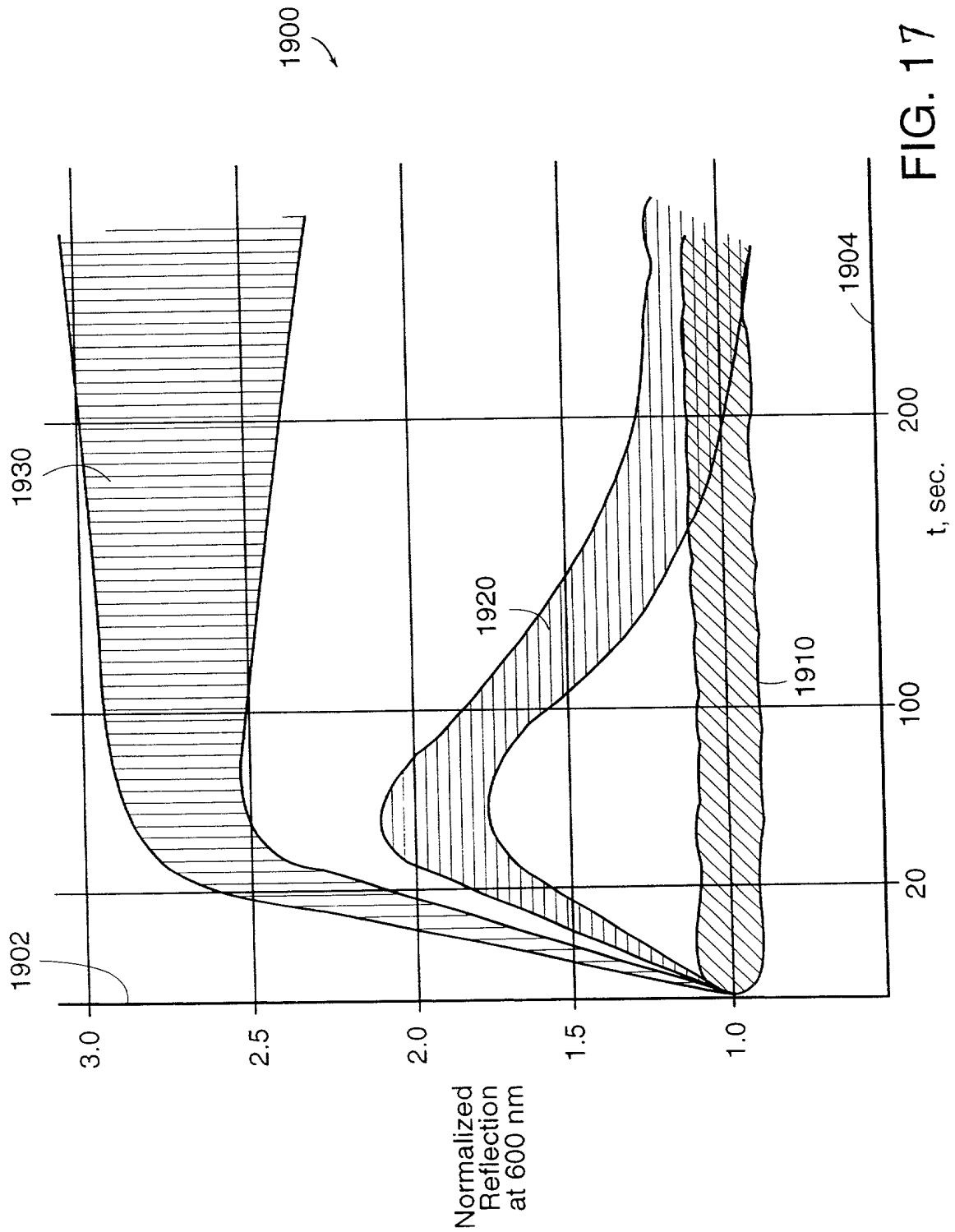


FIG. 17

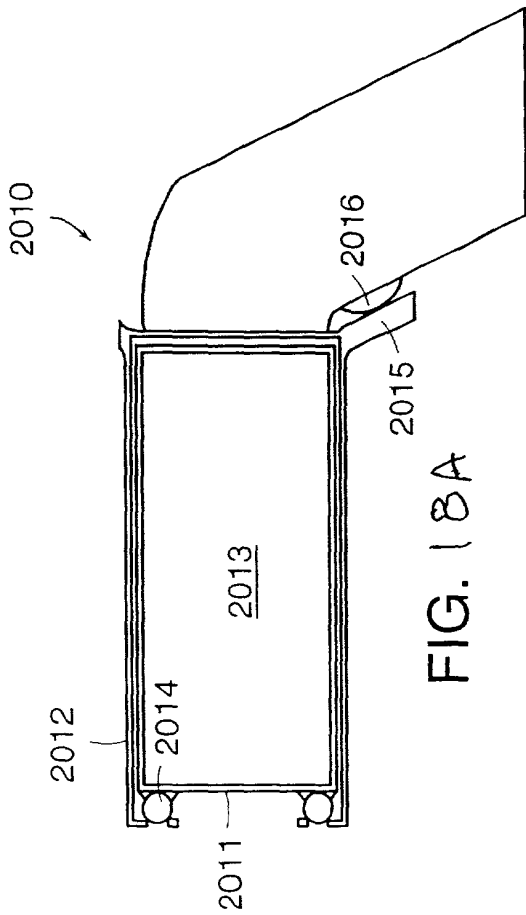


FIG. 18A

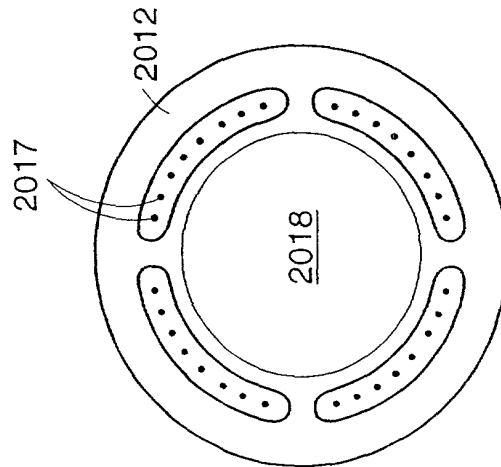


FIG. 18B

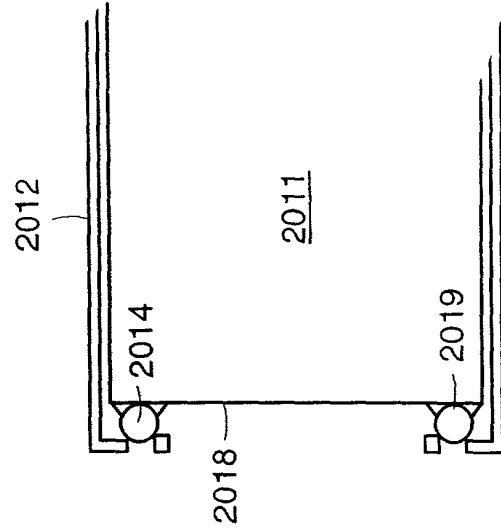


FIG. 18C

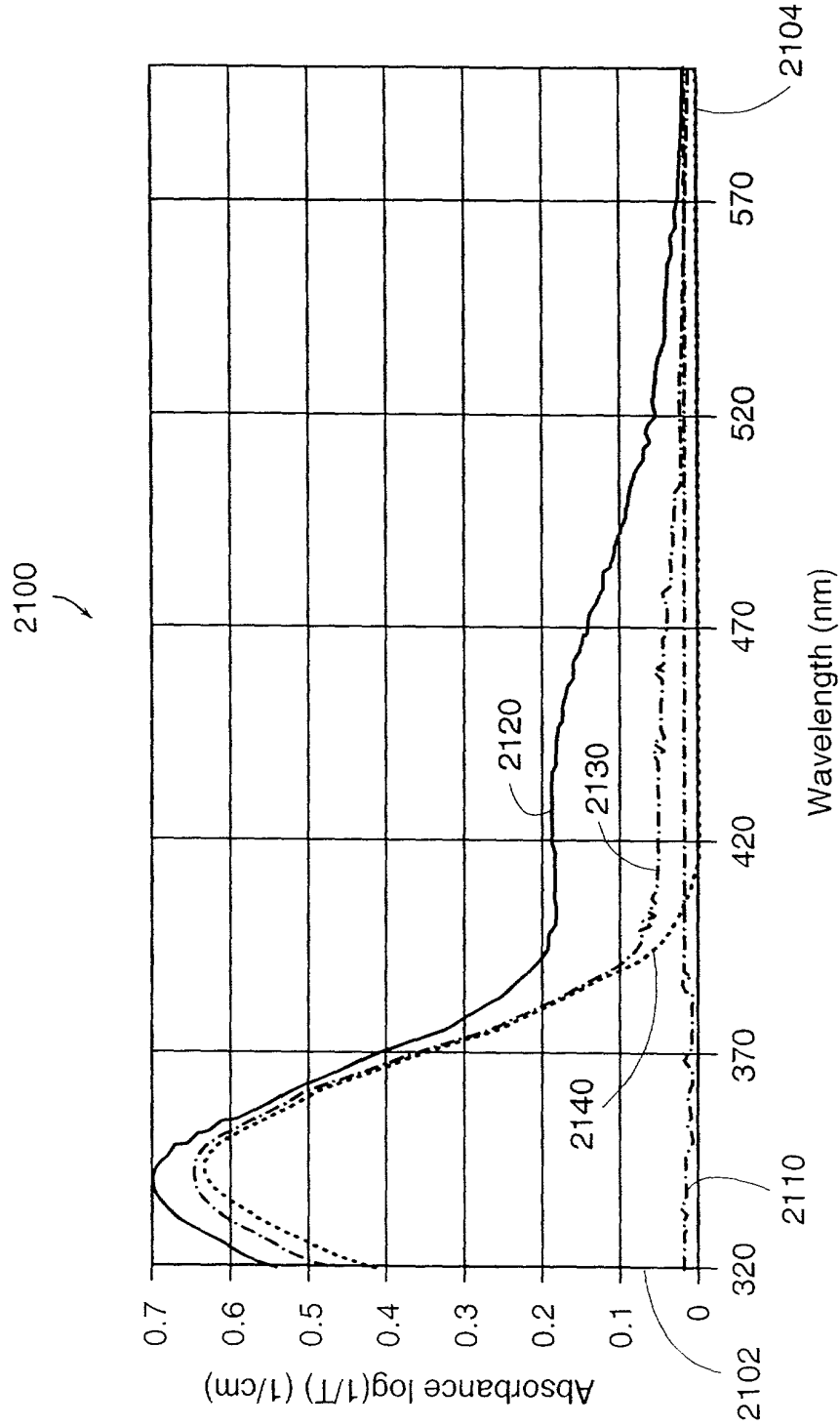


FIG. 19

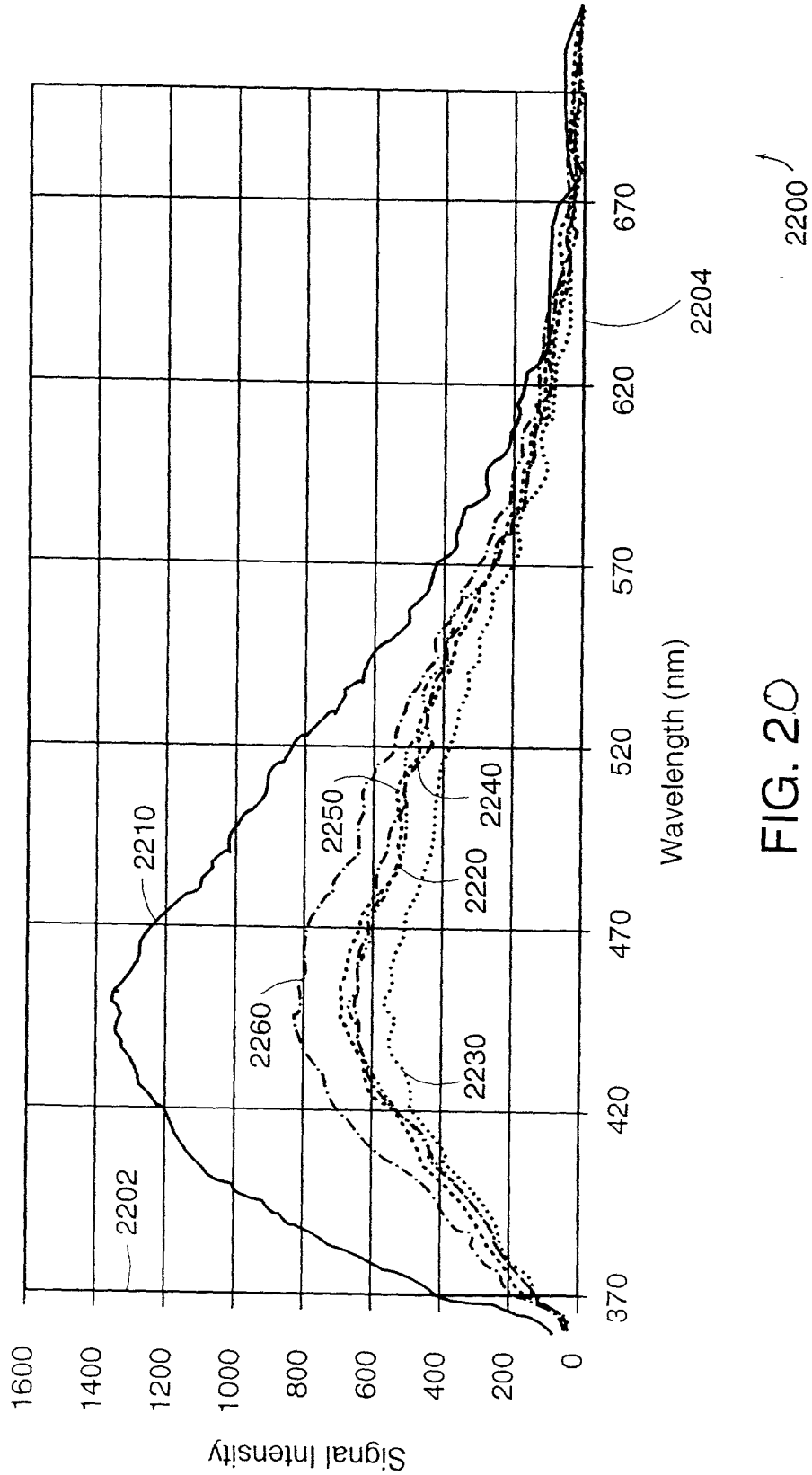


FIG. 20

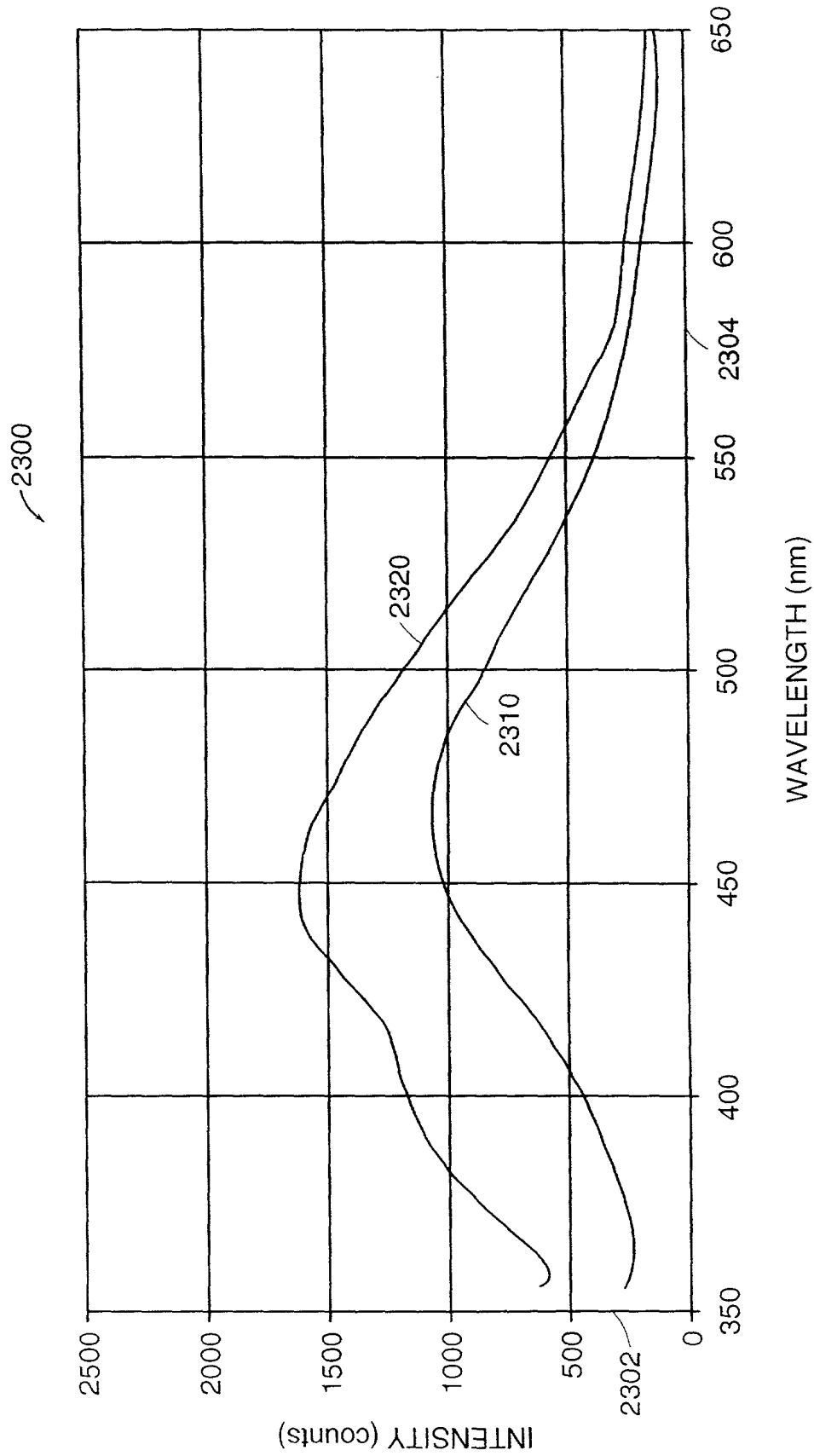


FIG. 21

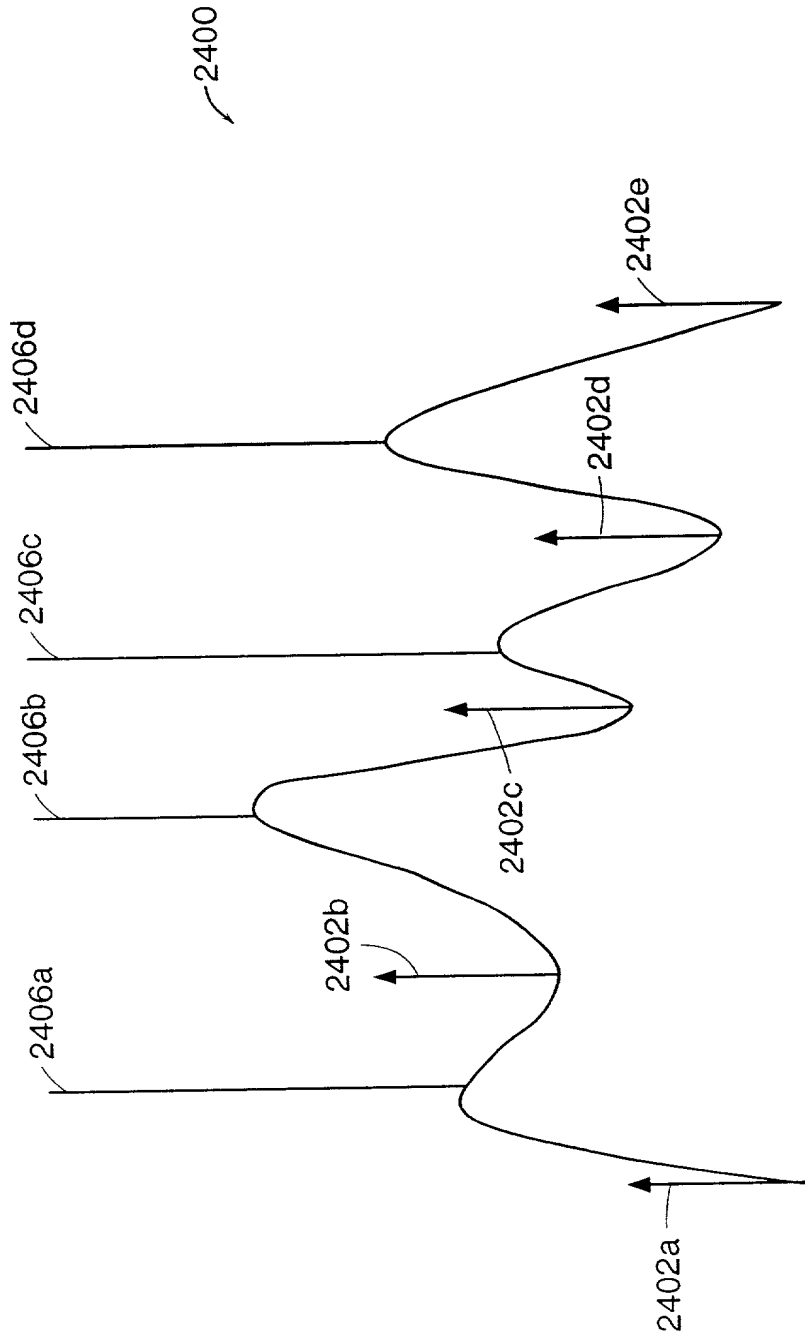


FIG. 22

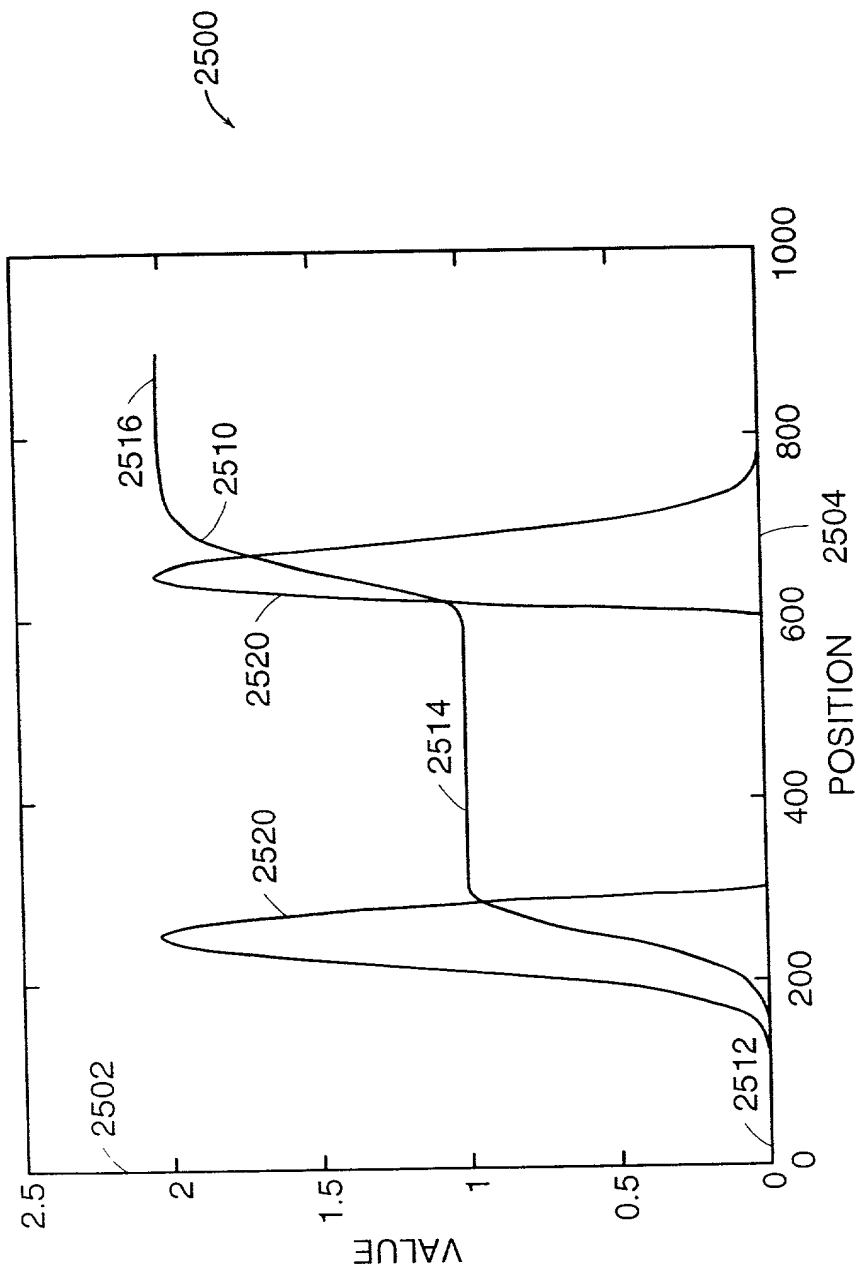


FIG. 23

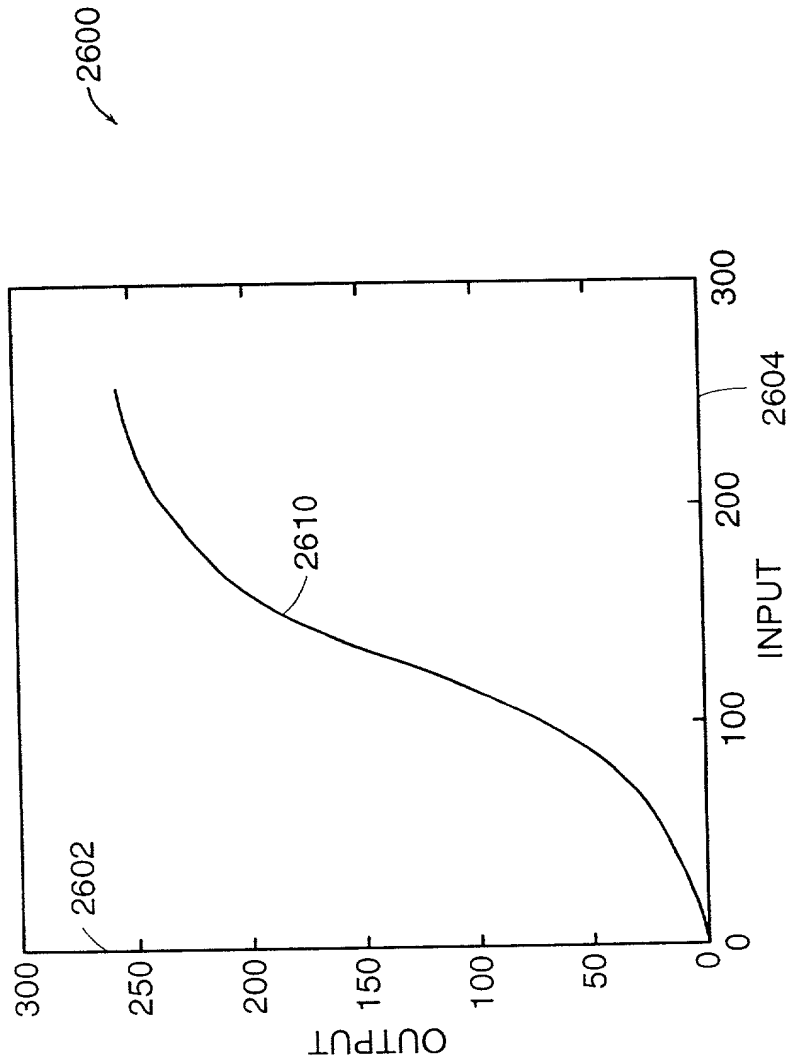


FIG. 24